Sheet	1	of 4	

` .						
FORM PTO-1	U.S. DEPARTME PATENT AND T	ENT OF COM	MERCE OFFICE	ATTY. DOC VPI/96-03 [SERIAL NO. 09/678,016
		OSLIBE	"The state of the	APPLICAN Keith Wilso		
	STATEMENT BY APP	LICANT PATER	AN 0 8 2001 (C) 47	FILING DA		GROUP 2764
		U.S. PAN	ENEWD STOREME	NTS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NG	4,833,233	05/23/89	Carter	530	363	St.
1	5,353,236	10/04/94	Subbiah	364	499	000 7 1/2
	5,380,879	01/10/95	Sjogren	549	310	Major Can
116	5,444,072	08/22/95	Patterson et al.	514	320	Moon Centre
						APPROPRIATE One 2100
						8
						
-						
					1	
	· · · · · · · · · · · · · · · · · · ·	-	 			
			<u> </u>			
	 	 	+	 	 	

EXAMINER

Mindai Galitray

DATE CONSIDERED

05.22.02

Sheet 2 of 4

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOC**RE**T NO. VPI/96-03 DIV **2**6

69678,016

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT Keith Wilson et al

October 2, 2000

FILING DATE

FOREIGN PATENT DOCUMENTS

			ATENT DOCUM			TRANSI	ATION
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
NG-	WO 90/01545	22/02/90	PCT	C12N	15/00		
)	WO 94/01105	20/01/94	PCT	A61K	31/35		
	WO 94/12184	09/06/94	PCT	A61K	31/535		
	WO 94/17185	04/08/94	PCT	C12N	15/27		
16-	WO 94/25860	10/11/94	PCT	G01N	24/00		
							<u> </u>
							<u> </u>
						,	
							
							
							<u> </u>
							
							<u> </u>
							
			<u></u>				
		<u></u>		<u> </u>			
			<u> </u>				
			<u> </u>	<u> </u>			
						<u> </u>	 -
			ļ				
							_
					<u> </u>	<u> </u>	

EXAMINER

nivologialitsvay

DATE CONSIDERED \$5,22,62

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OF

ATTY. DOCKET NO VPI/96-03 DI€

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

JAN 0 3 2001

Keith Wilson et a FILING DATE October 2, 2000

APPLICANT

GROUP 2764

OTHER DOCUMENTS (Including Authors File, Date, Pertinent Pages

	OTHER DOCUMENTS (Including Action Fille, Date, Pertinent Pages, Etc.)
EXAMINER INITIAL	
NG	H.J. Bohm, "The Computer Program LUDI: A New Method For The De Novo Design of Enzyme Inhibitors", Journal of Computer-Aided Molecular Design, 6, pp. 61-78 (1992)
-	P.N. Bryan, "Protein Engineering", Biotech Adv., 5, pp. 221-234 (1987)
	I.D. Campbell et al., "Diffraction, in Biological Spectroscopy", The Benjamin/Cummings Publishing Company, Inc., Menlo Park, CA, pp. 299-326 (1984)
	N. Claude Cohen et al., "Molecular Modeling Software and Methods for Medicinal Chemistry", <u>Journal of Medicinal Chemistry</u> , 33(3), pp. 883-894 (1990)
	C.R. Gregory et al., "Treatment With Rapamycin and Mycophenolic Acid Reduces Arterial Intimal Thickening Produced by Mechanical Injury and Allows Endothelial Replacement", <u>Transplantation</u> , 59(5), pp.655-661 (March, 1995)
	C. Hansch et al., "Comparison of the Inhibition of Escherichia coli and Lactobacillus Casei Dihydrofolate Reductase by 2,4-diamino-5-(substituted-benzyl) pyrimidines; quantitative Structure-Activity Relationships, X-Ray Crystallography and Computer Graphics in Structure-Activity Analysis", Chemical Abstracts, 97:298f, p. 29 (1982); Journal of Medicinal Chemistry, 25, pp. 777-84 (1982).
	J.A. Huete-Pérez et al., "Identification of the IMP Binding Site in the IMP Dehydrogenase From <i>Tritrichomonas Foetus</i> ", <u>Biochemistry</u> , 34(42), pp. 13889-13894 (1995)
	J. Jancarik et al., "Sparse Matrix Sampling: A Screening Method for Crystallization of Proteins", <u>J. Appl. Cryst.</u> , 24, pp. 409-411 (1991)
	A. Kajihara et al., "Protein Modelling Using a Chimera Reference Protein Derived From Exons", Protein Eng'g, 6, pp. 615-620 (1993)
	R. Li, et al., "A comparison by QSAR, Crystallography, and Computer Graphics of the Inhibition of Various Dihydrofolate Reductases by 5-(x-benzyl)-2,4-diaminopyrimidines", Chemical Abstracts, 98:172570a, p. 28 (1983); Quantitative Structure Activity Relationships Pharmacol. Chem. Biol., 1, pp. 1-7 (1982)
	G.M. Makara et al., "Nuclear Magnetic Resonance and Molecular Modeling Study on Mycophenolic Acid: Implications for Binding to Inosine Monophosphate Dehydrogenase", <u>J. Med. Chem.</u> , 39(6), pp. 1236-1242 (1996)
	Y.C. Martin, "3D Database Searching In Drug Design", <u>Journal of Medicinal Chemistry</u> , 35 (12), pp. 2145-54 (June 12, 1992)
	C. Montero et al., "Demonstration of Induction of Erythrocyte Inosine Monophospate Dehydrogenase Activity in Ribavirin-Treated Patients Using a High Performance Liquid Chromatography Linked Method", Clinica Chimica Acta, 238, pp. 169-178 (1995)
de	J.B. Moon et al., "Computer Design of Bioactive Molecules: A Method for Receptor-Based De Novo Ligand Design", Proteins: Structure, Function, and Genetics, 11, pp. 314-328 (1991)

EXAMINER

DATE CONSIDERED 65.99.08

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO	O-1449 U.S. DEDADTATE	heet <u>4</u> of
·	PATENT AND TRADEMARK OFFICE	ERIAL NO.
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT JAN D 8 2000	12
	STATEMENT BY APPLICANT JAN 0 8 2001 FILING DATE October 2, 2000	GROUP 2764
	OTHER DOCUMENTS (Including Authors Title Date D	2/04 0
EXAMINER INITIAL	Date, Fertilierit Pages, Etc.)	
NG	R.E. Morris, "New Small Molecule Immunosuppressants for Transplantation: Review of Concepts", The Journal of Heart and Lung Transplantation, November/December, pp. S	Essential 275-S286
	D. Musil et al., "The refined 2.15 Å X-ray crystal structure of human liver cathepsin B: the basis for its specificity", EMBO J., 10(9), pp. 2321-2320 (1994).	e structural
	A.J. Rusell et al., "Rational Modification of Enzyme Catalysis by Engineering Surface Ch 328, pp. 496-500 (August 6, 1987)	large", Nature
_	A.R. Sielecki et al., "Structure of Recombinant Human Renin, a Target for Cardiovascular Drugs, at 2.5 Å Resolution", Science, 243, pp. 1346-1354 (44)	r-Active
	Complex with the Immunosuppressant Mycophenolic Acid. Och as	se in
	R1 from Escherichia Coli", Federation of Furguean Ricchamical On it is a reduction of Furguean Ricchamical On its reduc	ase protein
	Monophosphate Dehydrogenase", Proteins: Structure, Function	Inosine-5'-
x16	C.S. Wright et al., "Structure of Subtilisin BPN' at 2.5 Å Resolution", Nature, 221, pp. 235-	8-603 (1995) 242 (January

EXAMINER

Mrpolai Gelisson